

CIVE 603. STRUCTURAL DYNAMICS.

Credits: 4

Offered by: Civil Engineering (Graduate Studies)

Terms offered: Fall 2025

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Description

Dynamic loads on structures; equations of motion of linear single- and multiple-degree-of-freedom systems and of continuous systems; free and forced vibrations; damping in structures; modal superposition and time-history analysis; earthquake effects; provisions of the National Building Code of Canada for seismic analysis.

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